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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-7, -9, -11, -19, -31, -41, -45, -47, & -49 ADDED MISSING PART NUMBERS ON BOM. -51 ADDED DART AEROSPACE LOGO AND ADDRESS INFO TO EACH LABEL. -61 ADDED TOP FOAM.	10/9/2013	RJC	RW

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	2	GAUGE PIN	STEEL	Ø.0450 X 1 ARONSON-CAMPBELL #1955247	1
			-3	2	GAUGE PIN	STEEL	Ø.0540 X 1 ARONSON-CAMPBELL #1955248	1
			-5	2	GAUGE PIN	STEEL	Ø.0600 X 1 ARONSON-CAMPBELL #1955251	1
			-7	2	GAUGE PIN	STEEL	Ø.0710 X 1 ARONSON-CAMPBELL #1994440	1
			-9	2	GAUGE PIN	STEEL	Ø.0720 X 1 ARONSON-CAMPBELL #1956086	1
			-11	2	GAUGE PIN	STEEL	Ø.0900 X 1 ARONSON-CAMPBELL #1956087	1
			-13	2	GAUGE PIN	STEEL	Ø.0960 X 1 ARONSON-CAMPBELL #1955252	1
			-15	2	GAUGE PIN	STEEL	Ø.1080 X 1 ARONSON-CAMPBELL #1955256	1
			-17	2	GAUGE PIN	STEEL	Ø.1200 X 1 ARONSON-CAMPBELL #1955257	1
			-19	2	GAUGE PIN	STEEL	Ø.1309 X 1 ARONSON-CAMPBELL #1956088	1
			-21	2	GAUGE PIN	STEEL	Ø.1440 X 1/4 ARONSON-CAMPBELL #1955258	1
			-23	2	GAUGE PIN	STEEL	Ø.1440 X 1 ARONSON-CAMPBELL #1955258	1
			-27	2	GAUGE PIN	STEEL	Ø.1600 X 1/4 ARONSON-CAMPBELL #1955259	1
			-29	2	GAUGE PIN	STEEL	Ø.1600 X 1 ARONSON-CAMPBELL #1955259	1
			-31	2	GAUGE PIN	STEEL	Ø.1680 X 1 ARONSON-CAMPBELL #1956089	1
			-33	2	GAUGE PIN	STEEL	Ø.1728 X 1/4 ARONSON-CAMPBELL #19552260	1
			-35	2	GAUGE PIN	STEEL	Ø.1728 X 1 ARONSON-CAMPBELL #19552260	1
			-37	2	GAUGE PIN	STEEL	Ø.1920 X 1 ARONSON-CAMPBELL #19552261	1
			-39	2	GAUGE PIN	STEEL	Ø.2057 X 1 ARONSON-CAMPBELL #19552262	1
			-41	2	GAUGE PIN	STEEL	Ø.2065 X 1 ARONSON-CAMPBELL #1994444	1
			-43	2	GAUGE PIN	STEEL	Ø.2160 X 1 ARONSON-CAMPBELL #19552263	1
			-45	2	GAUGE PIN	STEEL	Ø.2400 X 1 ARONSON-CAMPBELL #1956091	1
			-47	2	GAUGE PIN	STEEL	Ø.2880 X 1 ARONSON-CAMPBELL #1956092	1
			-49	2	GAUGE PIN	STEEL	Ø.3000 X 1 ARONSON-CAMPBELL #1956093	1
			-51	1	VIAL LABELS	PAPER	.005 X 5 X 7-1/2	2
		B/O	-53	1	CASE	PLASTIC, BLACK	PELICAN CASE #APP-1170	N/S
		B/O	-55	1	BOTTOM FOAM	Y20, BLACK	2.08 X 6.04 X 10.54 I.R. SPECIALTIES	3
		B/O	-57	1	RED BARN PLACARD	ALUMINUM	RB41009	N/S
		B/O	-59	24	VIALS, WITH LIDS	CLEAR POLYPROPYLENE	Ø3/4 O.D X 1-5/8 L.A. CONTAINER #071600	N/S
		B/O	-61	1	TOP FOAM	C200 EGGSHEEL, BLACK	1.00 X 6.00 X 10.50 I.R. SPECIALTIES	4

-1 VIAL 1pr. Ø.0450 X 1"	-3 VIAL 1pr. Ø.0540 X 1"	-5 VIAL 1pr. Ø.0600 X 1"	-7 VIAL 1pr. Ø.0710 X 1"	-9 VIAL 1pr. Ø.0720 X 1"	-11 VIAL 1pr. Ø.0900 X 1"	-13 VIAL 1pr. Ø.0960 X 1"	-15 VIAL 1pr. Ø.1080 X 1"
-17 VIAL 1pr. Ø.1200 X 1"	-19 VIAL 1pr. Ø.1309 X 1"	-21 VIAL 1pr. Ø.1440 X 1 1/4"	-23 VIAL 1pr. Ø.1440 X 1"	-25 VIAL 1pr. Ø.1600 X 1 1/4"	-27 VIAL 1pr. Ø.1600 X 1"	-29 VIAL 1pr. Ø.1680 X 1"	-31 VIAL 1pr. Ø.1728 X 1 1/4"
-33 VIAL 1pr. Ø.1728 X 1"	-35 VIAL 1pr. Ø.1920 X 1"	-37 VIAL 1pr. Ø.2057 X 1"	-39 VIAL 1pr. Ø.2065 X 1"	-41 VIAL 1pr. Ø.2160 X 1"	-43 VIAL 1pr. Ø.2400 X 1"	-45 VIAL 1pr. Ø.2880 X 1"	-47 VIAL 1pr. Ø.3000 X 1"

**NOTE:**  
1. USED FOR KITS A, B, C, D.


	RED BARN MACHINE	
<h2 style="margin: 0;">TITLE</h2> <h1 style="margin: 0;">GEAR TEETH AND SPLINE MEASURING PINS</h1>		
DWG NO.	<h2 style="margin: 0;">RB KIT E</h2>	REV <span style="font-size: 1.5em; color: red;">A</span>

<p style="margin: 0;"><b>UNLESS OTHERWISE SPECIFIED</b></p> <p style="margin: 0;">DIMENSIONS ARE IN INCHES</p> <p style="margin: 5px 0 0 0;"><b>TOLERANCES ON:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; text-align: center;"> <b>DECIMALS</b>            .XXX ± .005            .XX ± .01            .X ± .1         </td> <td style="width: 33%; text-align: center;"> <b>FRACTIONS ± 1/32</b>    <b>ANGLES ± 5°</b> </td> <td style="width: 33%;"></td> </tr> </table> <p style="margin: 10px 0 0 0;"><b>UNLESS OTHERWISE SPECIFIED</b></p> <p style="margin: 0;">1. BREAK ALL SHARP EDGES           .015 x 45° PR .015 R</p> <p style="margin: 0;">2. DIMENSIONAL LIMITS APPLY AFTER PLATING</p>	<b>DECIMALS</b> .XXX ± .005 .XX ± .01 .X ± .1	<b>FRACTIONS ± 1/32</b>  <b>ANGLES ± 5°</b>		<p style="margin: 0;"><b>DRAWN BY:</b> CLOUGH</p> <p style="margin: 5px 0 0 0;"><b>APPROVED</b> <span style="color: red; font-family: cursive;">D. Weir</span></p> <p style="margin: 5px 0 0 0;"><b>HEAT TREAT FINISH</b></p> <p style="margin: 5px 0 0 0;"><b>SPEC</b></p> <p style="margin: 10px 0 0 0;"><b>USED ON MODEL</b></p> <p style="margin: 0; text-align: center; font-size: 1.2em; font-weight: bold;">BELL</p>
<b>DECIMALS</b> .XXX ± .005 .XX ± .01 .X ± .1	<b>FRACTIONS ± 1/32</b>  <b>ANGLES ± 5°</b>			

<b>SCALE</b> <div style="font-size: 1.5em; font-weight: bold;">1:2</div>	<b>DATE</b> <div style="font-size: 1.5em; font-weight: bold;">5/3/2012</div>	<b>SHEET 1 OF 4</b>
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-51 ADDED DART AEROSPACE LOGO AND ADDRESS INFO TO EACH LABEL.	10/10/2013	RJC	RW

 GEAR & SPLINE WEAR CHECK PINS <b>.0450" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.0540" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.0600" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.0710" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.0720" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.0900" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com
 GEAR & SPLINE WEAR CHECK PINS <b>.0960" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1080" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1200" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1309" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1440" DIA.</b> <b>2 EACH -1/4" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1440" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com
 GEAR & SPLINE WEAR CHECK PINS <b>.1600" DIA.</b> <b>2 EACH -1/4" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1600" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1680" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1728" DIA.</b> <b>2 EACH -1/4" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1728" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.1920" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com
 GEAR & SPLINE WEAR CHECK PINS <b>.2057" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.2065" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.2160" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.2400" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.2880" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com	 GEAR & SPLINE WEAR CHECK PINS <b>.3000" DIA.</b> <b>2 EACH -1" LONG</b> 190 S. DANEBO AVE. EUGENE, OR. 97402 1-800-556-4166 sales@dartaero.com

5.0

7.5

(-51)

LABEL

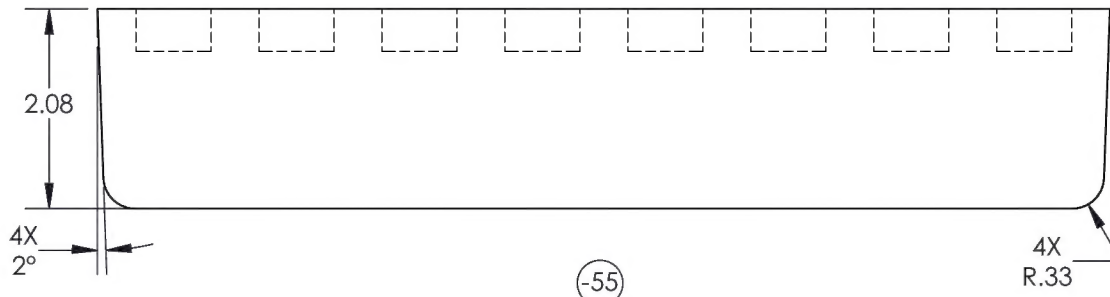
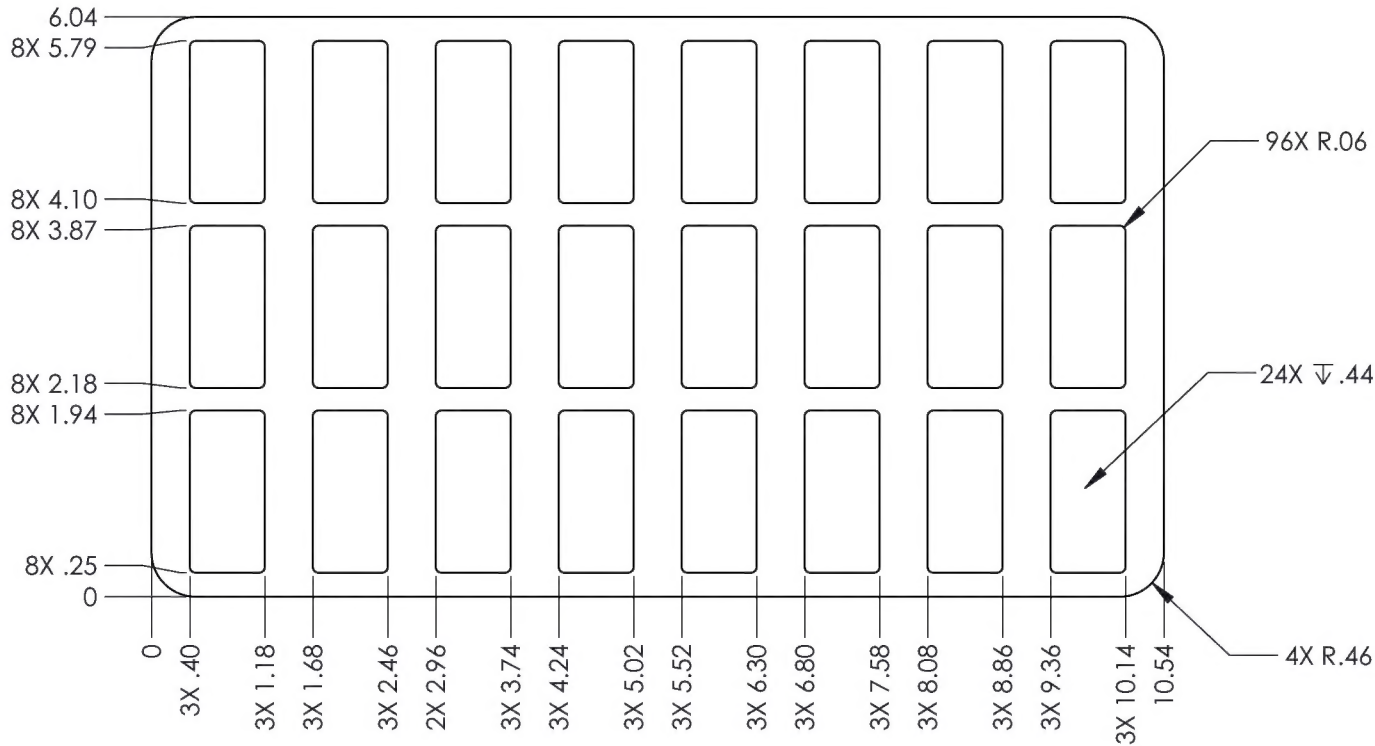


RED BARN MACHINE


TITLE GEAR TEETH AND SPLINE MEASURING PINS	
DWG NO. RB KIT E-51	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: CLOUGH APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL BELL
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE 1:1 DATE 5/3/2012 SHEET 2 OF 4

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REV				DESCRIPTION		DATE	INITIAL	APPROVED

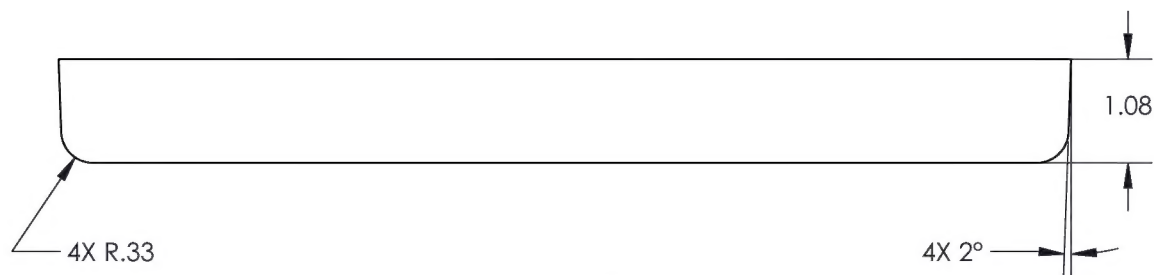
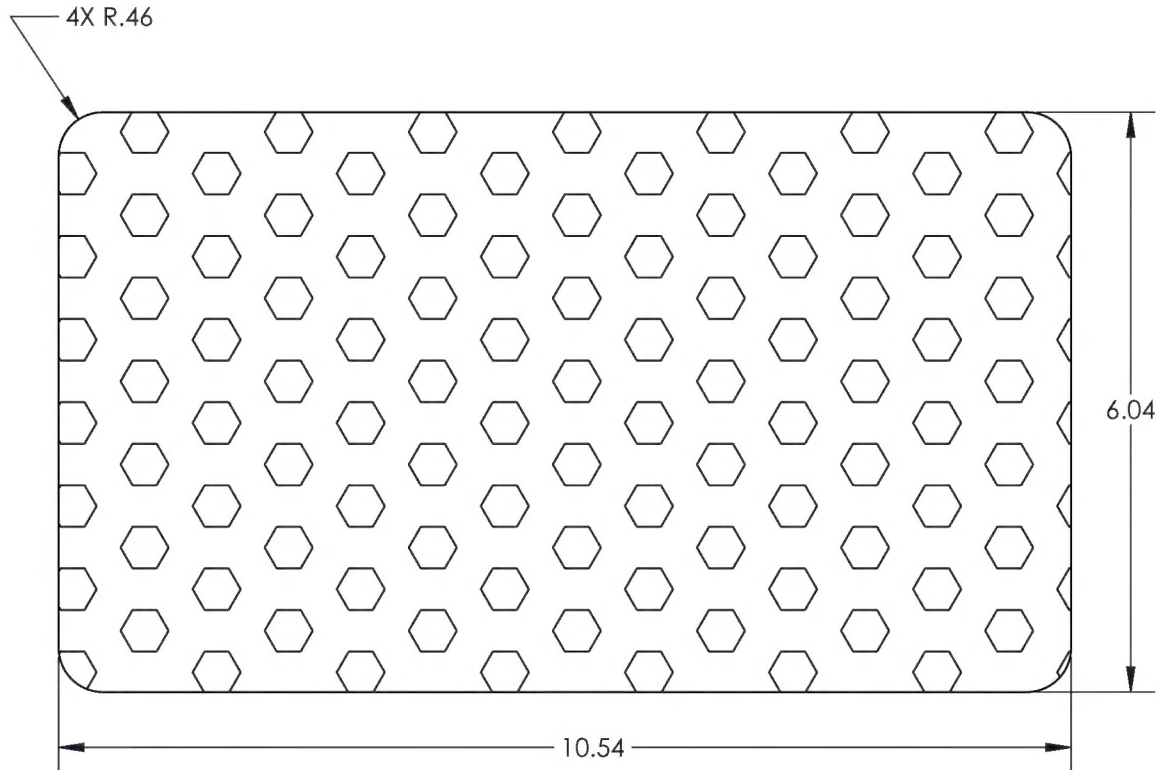


(-55)  
BOTTOM FOAM

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> GEAR TEETH AND SPLINE MEASURING PINS	
<b>DWG NO.</b> RB KIT E-55	<b>REV</b> A
<b>MAT'L</b> Y20, BLACK	<b>DRAWN BY:</b> CLOUGH
<b>UNLESS OTHERWISE SPECIFIED</b> <b>DIMENSIONS ARE IN INCHES</b>	<b>APPROVED</b> <i>D Weil</i>
.XXX ± .005 .XX ± .01 .X ± .1	<b>HEAT TREAT</b> <b>FINISH</b>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	<b>SPEC</b> USED ON MODEL BELL
<b>SCALE</b> 1:2	<b>DATE</b> 5/3/2012
SHEET 3 OF 4	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-61 ADDED TOP FOAM.	10/10/2013	RJC	RW



(-61)  
TOP FOAM

<b>RED BARN MACHINE</b>	
TITLE GEAR TEETH AND SPLINE MEASURING PINS	
DWG NO.	REV
RB KIT E-61	A
MAT'L C200 EGGSHEEL, BLACK	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL
SCALE 1:2	DATE 10/10/2013
	SHEET 4 OF 4